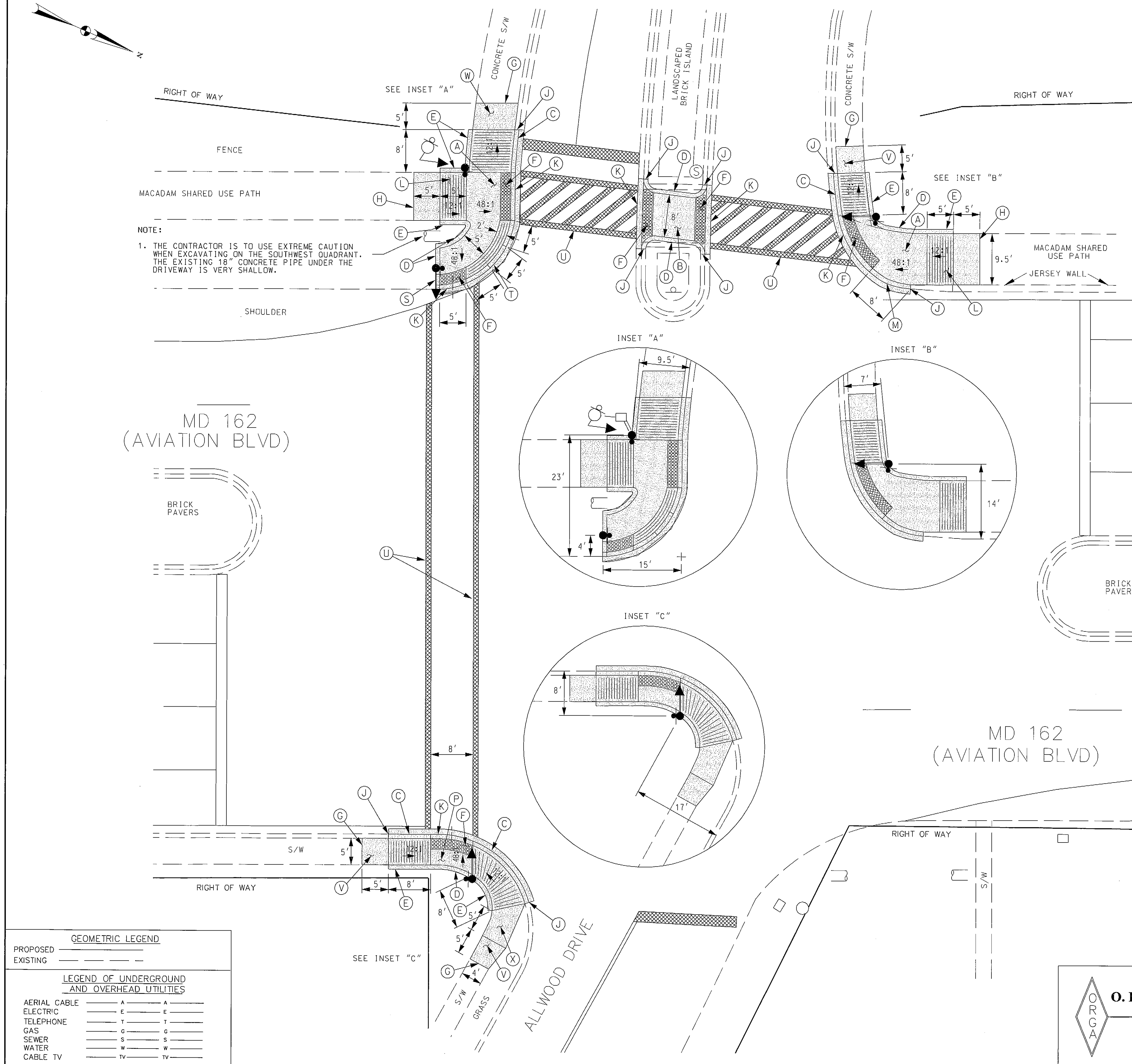


DRILL HOLES



NOTE:  
1. THE CONTRACTOR IS TO USE EXTREME CAUTION WHEN EXCAVATING ON THE SOUTHWEST QUADRANT. THE EXISTING 18" CONCRETE PIPE UNDER THE DRIVEWAY IS VERY SHALLOW.

APS NOTES:

1. Pushbuttons are to be located so that they can be activated by a person in a wheelchair reaching less than 18" from a 60"x 60" level landing area with a cross slope of less than or equal to 2%.
2. The 10' separation between pushbuttons is to be measured from face of pushbutton, not center to center of pole.
3. Pushbutton arrows are to be parallel to the crossing for which they are intended.
4. Location of accessible pedestrian signal pushbuttons must meet location requirements of MUTCD Sec. 4E.09 and Fig. 4E.2, and the NCHRP publication, "Accessible Pedestrian Signals: Guide to Best Practice". If not met, the contractor is to stop work on pushbutton locations until a design waiver is obtained, approved by the director, Office of Traffic and Safety.
5. APS will function as follows:  
TO CROSS DRIVEWAY  
a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross driveway at Allwood; Wait."  
b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.  
TO CROSS MD 162 (AVIATION BLVD)  
a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Aviation at Allwood; Wait."  
b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.

CONSTRUCTION DETAILS

- A. Remove existing combination macadam/concrete ramp and multi-use path area and install concrete parallel sidewalk ramp (Std No. MD 655.12).
- B. Remove existing ornamental brick median cut through including back curb and install concrete median cut through (Std No. MD 655.21). The cut through shall stay at the same grade as the existing roadway to insure positive drainage. Note: The contractor is to save bricks and reinstall them to fill in behind the proposed back curbs.
- C. Install standard Type "A" combination curb and gutter (Standard No. MD 620.02)
- D. Install 8" back curb as shown.
- E. Install 8" back curb sloped from 8" to top of ramp.
- F. Install detectable warning surface (Std No. MD 655.40).
- G. Tie in proposed sidewalk with existing sidewalk at joint.
- H. Sawcut the existing macadam and tie in 5'x4' concrete transition area with existing macadam path.
- J. Tie new curb to existing curb at joint.
- K. Install standard Type "A" combination curb and gutter (Standard No. MD 620.02) (depressed)
- L. Install 5'x 9' concrete sidewalk section.
- M. Install Standard Type "A" combination curb and gutter (Standard No. MD 620.02) from grade to 8" height in 8 feet.
- N. Remove existing curb and gutter and install combination curb and gutter, transition from Type "A" to jersey wall as shown.
- P. Remove existing concrete ramp and install concrete parallel sidewalk ramp (Std. No. MD 655.12).
- Q. Install concrete sidewalk section to transition from ramp to existing sidewalk.
- R. Tie in proposed sidewalk to new sidewalk at joint.
- S. Install back curb to transition from grade to 8" height in 2'.
- T. Install standard Type "A" combination curb and gutter (Standard No. MD 620.02). Slope curb from grade to 5' height in 5', install 5' of 5" height curb and slope back to grade in 5'.
- U. Proposed crosswalk. See signal plan (Sheet 1 of 3).
- V. Install 5'x 5' concrete sidewalk transition area.
- W. Install 5'x 9' concrete sidewalk transition area.
- X. Install 5' wide sidewalk section.

GEOMETRIC LEGEND		
PROPOSED	---	---
EXISTING	---	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES		
AERIAL CABLE	A	A
ELECTRIC	E	E
TELEPHONE	T	T
GAS	G	G
SEWER	S	S
WATER	W	W
CABLE TV	TV	TV

TOD NO: XY139-03  
SHA NO: AA189B53  
MD 162, MD 170, MD 176 @ Various Locations



**O. R. GEORGE & ASSOCIATES, INC.**  
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STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 162 (AVIATION BOULEVARD) AT ALLWOOD DRIVE  
HANOVER, MARYLAND

DETAIL SHEET

SCALE 1"= 10'	DATE 2/6/2013	CONTRACT NO. AA463501571
DESIGNED BY A. BEKELE	COUNTY ANNE ARUNDEL	
DRAWN BY O. R. GEORGE	LOGMILE 02016201.10	
CHECKED BY [Signature]	TMS NO. L653	
F.A.P. NO.	TOD NO.	
TS NO. 3192D	DRAWING TSP-2 OF 3	SHEET NO. 14 OF 33